

FIG. 1

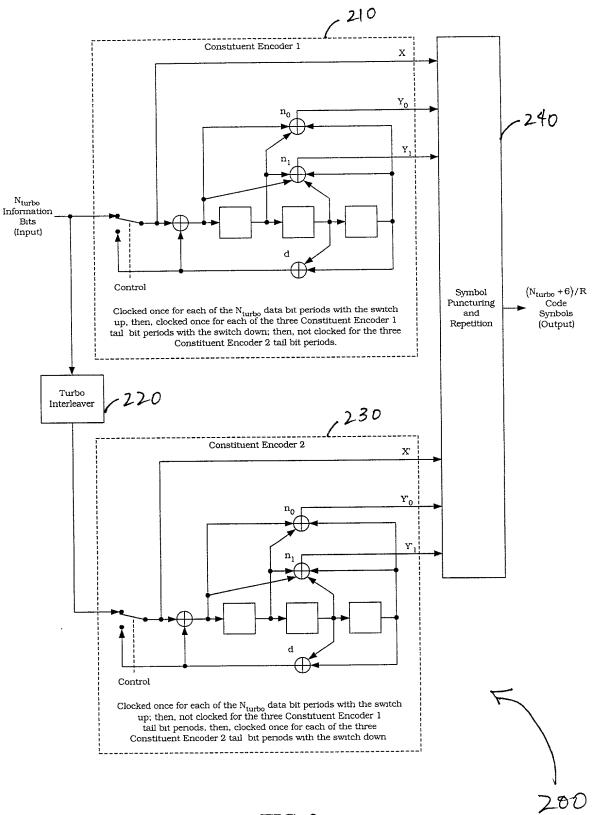


FIG. 2

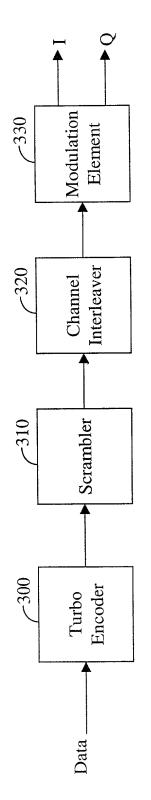
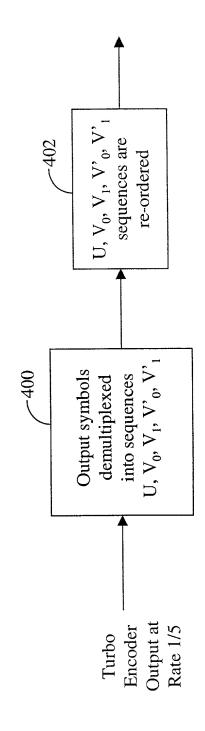
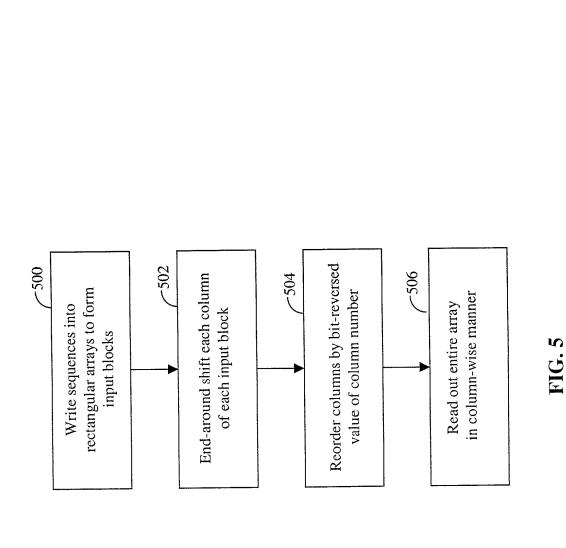


FIG. 3



**FIG. 4** 



-604

Perform Block Swap

-602

rectangular arrays to form

input blocks

Write sequences into

Reorder columns by bit-reversed

value of column number

in column-wise manner

Read out entire array

	5	5,	
	2,		
	1,		
	4,		
<del>\</del>		2	4
Ŏ			
U block	3,		
U blo	3,		3

-			
	$\infty$		<u>%</u>
	L	7,	
X			
$V_0/V_0$ block	9		6,
$V_0/V$			
	5	5,	
	2,		

FIG. 7A: Block swap pattern for 8-PSK

3,		2	
	+-4		3
	3,	3,	1 2

¥	9	6,		
block			5	5,
$V_0/V_0$ block		4	4,	
,	•			2,

FIG. 7B: Block swap pattern for 16-QAM

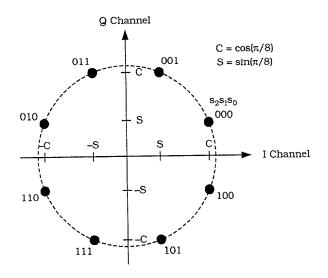
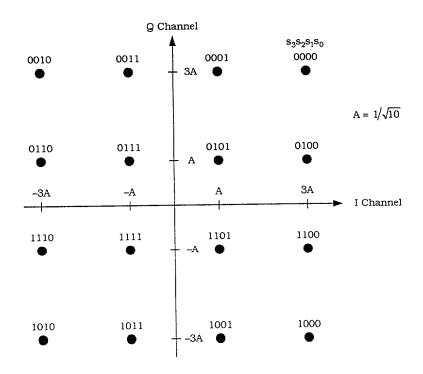


FIG. 8



**FIG. 9**